

Claims

1. Method for displaying navigational information for a vehicle, wherein the navigational information for a vehicle is displayed in the form of a virtual pilot vehicle superimposed on an image of the vehicle environment and wherein a display mode and/or a position and/or an orientation and/or size of the displayed virtual pilot vehicle is/are determined by a route or action recommendation and/or a speed and/or reference points for a recommended route and/or a position and orientation of the vehicle and/or a position and orientation of a camera for recording the vehicle environment and/or an eye position and a line of sight of the driver.
2. Method according to Claim 1, wherein a route or action recommendation to "turn right" or to "turn left" is represented by a virtual pilot vehicle having a correspondingly flashing indicator.
3. Method according to Claim 1 or Claim 2, wherein a route or action recommendation to "turn left onto a certain road" or to "turn right onto a certain road" is represented by a correspondingly turning virtual pilot vehicle.
4. Method according to any one of Claims 1 to 3, wherein a route or action recommendation to "drive carefully because of a safety hazard" is represented by a virtual pilot vehicle with activated hazard warning flashers.
5. Method according to Claim 4, wherein further information is additionally displayed via text or pictogram on a panel on the virtual pilot vehicle.
6. Method according to any one of the preceding claims, wherein a route or action recommendation to "reduce speed" is displayed by means of brake lights on the virtual pilot vehicle flashing on if the driver drives faster than a maximum speed specified for a location or situation.

7. Method according to any one of the preceding Claims, wherein a route or action recommendation to "keep minimum distance from the vehicle ahead in accordance with the current driving speed" is displayed by means of a virtual pilot vehicle being positioned on 5 the image of the road such that it appears to be proceeding in front of the driver at precisely the minimum distance currently required, while driving too close to the vehicle in front is shown by a real vehicle being located in the image between the driver and the virtual vehicle.

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8. Method according to any one of the preceding Claims, wherein a pilot position (L) and a pilot orientation (O) are determined according to reference points (R) for a recommended route and according to the current position (P) and speed of the vehicle.

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9. Method according to any one of the preceding Claims, wherein, a model of the pilot vehicle in three-dimensional space is created according to the pilot position and pilot orientation and wherein a two-dimensional representation which is superimposed on 20 the image of the vehicle environment perceived by the driver is computed from this model.

10. Device for displaying navigational information for a vehicle, wherein an apparatus for superimposing navigational information for 25 a vehicle in the form of a virtual pilot vehicle on an image of the vehicle environment exists such that a display mode and/or a position and/or an orientation and/or size of the virtual pilot vehicle are determined in accordance with a route or action recommendation and/or the speed and/or reference points for a 30 recommended route and/or a position of the vehicle and/or an orientation of the vehicle and/or a position of the camera for recording the vehicle environment and/or an orientation of the camera for recording the vehicle environment.